The following information, presentations, suggestions, and options represent the expertise and knowledge of the consulting team hired by the Department of Ecology on its oil transportation study and should be considered pre-decisional discussion points. This information was developed, at the request of Ecology, to solicit ideas and generate discussion at the expert's panel meetings Aug. 5 & 7, 2014.

Railroad Operations Equipment **Rules and Regulations**

- 1. Railroad Operations
 2. Equipment

 '-- and Regulations



Expert Review Meeting Discussion of Rail Issues

Railroad Operations in State of WA (Preliminary BNSF)

- 1. FRA Class by Segment
- 2. Loaded Bulk Train Speed Restrictions (BNSF)
- 3. Maximum Current Track Speed for HHFTs
- 4. Railroad Investment in Physical Plant

Railroad Operations Equipment **Rules and Regulations**

Equipment for Crude Oil, Current & Proposed

- DOT-111 Specs
 CSC-1232 Specs
 Proposed Federal Specs Waiting Comment
- 4. Braking Potential Requirements
- 5. Signal & Defective Car (Wayside Detectors)

Railroad Operations Equipment **Rules and Regulations**

- 1. Current Conditions
 2. Multiple State Efforts

Questions?